

【ABSTRACT】

A drum type washing machine and controlling method thereof is provided. In the drum type washing machine, a tub is provided, a drum is installed in the tub to rotate about a horizontal axis, a driving motor rotates the drum, a key input unit receives a washing instruction from a user, a memory stores a reference value for an eccentricity of the drum, a microcomputer controls washing and rinsing operations in accordance with a procedure set by the user upon an input of a start command through the key input unit and it prevents repetition of a preliminary spin drying operation using a measured eccentricity of the drum, and a driving control unit controls velocity of the driving motor in accordance with a control signal of the microcomputer.